

Table 15.5b
Steroid Avoidance Rate at Discharge, 1998 to 2007
Recipients of Living Donor Livers

Discharge Regimen		Year of Transplant									
		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	Patients	70	193	328	451	308	282	292	289	260	241
	Steroids Avoided	6	13	30	40	25	63	64	69	73	71
	Rate	8.6%	6.7%	9.1%	8.9%	8.1%	22.3%	21.9%	23.9%	28.1%	29.5%
CyA	Patients	8	14	17	16	6	9	-	1	1	1
	Steroids Avoided	2	4	1	8	1	1	-	0	0	1
	Rate	25.0%	28.6%	5.9%	50.0%	16.7%	11.1%	-	0.0%	0.0%	100.0%
Tac	Patients	26	96	126	156	123	101	105	103	105	70
	Steroids Avoided	2	4	7	11	18	27	35	36	31	11
	Rate	7.7%	4.2%	5.6%	7.1%	14.6%	26.7%	33.3%	35.0%	29.5%	15.7%
CyA+MMF	Patients	6	14	18	24	22	18	18	9	4	7
	Steroids Avoided	0	1	0	0	2	2	1	2	2	2
	Rate	0.0%	7.1%	0.0%	0.0%	9.1%	11.1%	5.6%	22.2%	50.0%	28.6%
Tac+MMF	Patients	24	50	111	172	118	136	142	152	142	142
	Steroids Avoided	1	3	5	2	3	28	24	23	39	51
	Rate	4.2%	6.0%	4.5%	1.2%	2.5%	20.6%	16.9%	15.1%	27.5%	35.9%
CyA+Aza	Patients	1	3	3	2	4	3	2	2	-	3
	Steroids Avoided	0	0	0	0	0	1	0	0	-	0
	Rate	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%	-	0.0%
Tac+Aza	Patients	-	4	2	-	3	-	-	1	-	2
	Steroids Avoided	-	0	0	-	0	-	-	1	-	1
	Rate	-	0.0%	0.0%	-	0.0%	-	-	100.0%	-	50.0%
CyA+Siro	Patients	-	-	7	6	2	-	1	-	-	-
	Steroids Avoided	-	-	4	3	0	-	0	-	-	-
	Rate	-	-	57.1%	50.0%	0.0%	-	0.0%	-	-	-
Tac+Siro	Patients	-	-	20	36	11	1	5	1	2	3
	Steroids Avoided	-	-	8	11	0	0	1	0	0	0
	Rate	-	-	40.0%	30.6%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%
Siro+MMF	Patients	-	-	1	5	2	1	1	1	-	2
	Steroids Avoided	-	-	0	0	0	0	0	0	-	0
	Rate	-	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-	0.0%
Other Regimen	Patients	5	12	23	34	17	13	18	19	6	11
	Steroids Avoided	1	1	5	5	1	4	3	7	1	5
	Rate	20.0%	8.3%	21.7%	14.7%	5.9%	30.8%	16.7%	36.8%	16.7%	45.5%

Source: OPTN/SRTR Data as of May 1, 2008.

Notes:

Includes patients receiving first transplants of any organ with a functioning graft at discharge and any immunosuppressive drug use recorded at discharge.

CyA: Cyclosporine; Tac: Tacrolimus; MMF: Include MMF(Mycophenolate Mofetil) and MPA(Mycophenolate Sodium); Aza: Azathioprine; Siro: Sirolimus.

Table 15.5b (Continued)
Steroid Withdrawal Rate at One Year Following Transplantation, 1999 to 2006
Recipients of Living Donor Livers

Discharge Regimen		Year of Transplant							
		1999	2000	2001	2002	2003	2004	2005	2006
Total	Patients	149	263	367	252	195	202	201	170
	Steroids Withdrawn	36	83	164	121	91	98	102	80
	Rate	24.2%	31.6%	44.7%	48.0%	46.7%	48.5%	50.7%	47.1%
CyA	Patients	10	15	7	5	6	-	1	1
	Steroids Withdrawn	1	3	4	3	2	-	1	1
	Rate	10.0%	20.0%	57.1%	60.0%	33.3%	-	100.0%	100.0%
Tac	Patients	75	101	131	93	68	65	60	67
	Steroids Withdrawn	25	34	58	43	28	36	27	28
	Rate	33.3%	33.7%	44.3%	46.2%	41.2%	55.4%	45.0%	41.8%
CyA+MMF	Patients	10	17	22	16	13	11	7	2
	Steroids Withdrawn	2	4	11	10	11	7	5	2
	Rate	20.0%	23.5%	50.0%	62.5%	84.6%	63.6%	71.4%	100.0%
Tac+MMF	Patients	37	94	151	105	98	108	119	95
	Steroids Withdrawn	6	25	65	55	48	49	62	49
	Rate	16.2%	26.6%	43.0%	52.4%	49.0%	45.4%	52.1%	51.6%
CyA+Aza	Patients	3	3	1	4	2	2	2	-
	Steroids Withdrawn	0	1	0	0	1	0	1	-
	Rate	0.0%	33.3%	0.0%	0.0%	50.0%	0.0%	50.0%	-
Tac+Aza	Patients	4	2	-	2	-	-	0	-
	Steroids Withdrawn	1	1	-	1	-	-	-	-
	Rate	25.0%	50.0%	-	50.0%	-	-	-	-
CyA+Siro	Patients	-	3	3	2	-	1	-	-
	Steroids Withdrawn	-	3	2	1	-	1	-	-
	Rate	-	100.0%	66.7%	50.0%	-	100.0%	-	-
Tac+Siro	Patients	-	12	23	9	1	2	1	1
	Steroids Withdrawn	-	5	10	4	0	2	1	0
	Rate	-	41.7%	43.5%	44.4%	0.0%	100.0%	100.0%	0.0%
Siro+MMF	Patients	-	1	4	2	1	1	1	-
	Steroids Withdrawn	-	0	2	2	0	1	1	-
	Rate	-	0.0%	50.0%	100.0%	0.0%	100.0%	100.0%	-
Other Regimen	Patients	10	15	25	14	6	12	10	4
	Steroids Withdrawn	1	7	12	2	1	2	4	0
	Rate	10.0%	46.7%	48.0%	14.3%	16.7%	16.7%	40.0%	0.0%

Source: OPTN/SRTR Data as of May 1, 2008.

Notes:

Includes patients receiving first transplants of any organ with steroid use at transplant discharge, and who have a functioning graft and maintenance drug use one year after transplantation.

Transplants prior to year 1999 are not reported due to insufficient reporting of immunosuppressive drug use.

CyA: Cyclosporine; Tac: Tacrolimus; MMF: Include MMF(Mycophenolate Mofetil) and MPA(Mycophenolate Sodium); Aza: Azathioprine; Siro: Sirolimus.

Table 15.5b (Continued)
Steroid Withdrawal Rate at Two Years Following Transplantation, 1998 to 2005
Recipients of Living Donor Livers

Discharge Regimen		Year of Transplant							
		1998	1999	2000	2001	2002	2003	2004	2005
Total	Patients	47	133	247	343	236	191	183	165
	Steroids Withdrawn	16	60	132	222	147	121	121	113
	Rate	34.0%	45.1%	53.4%	64.7%	62.3%	63.4%	66.1%	68.5%
CyA	Patients	5	10	14	5	5	6	-	1
	Steroids Withdrawn	1	6	9	3	5	4	-	1
	Rate	20.0%	60.0%	64.3%	60.0%	100.0%	66.7%	-	100.0%
Tac	Patients	16	63	93	121	89	64	61	56
	Steroids Withdrawn	9	29	49	75	59	33	42	38
	Rate	56.3%	46.0%	52.7%	62.0%	66.3%	51.6%	68.9%	67.9%
CyA+MMF	Patients	5	7	14	22	13	13	9	7
	Steroids Withdrawn	1	4	4	17	10	12	8	6
	Rate	20.0%	57.1%	28.6%	77.3%	76.9%	92.3%	88.9%	85.7%
Tac+MMF	Patients	17	37	92	142	98	99	95	87
	Steroids Withdrawn	3	17	53	98	57	67	60	58
	Rate	17.6%	45.9%	57.6%	69.0%	58.2%	67.7%	63.2%	66.7%
CyA+Aza	Patients	1	3	3	1	4	2	2	2
	Steroids Withdrawn	0	0	1	0	2	1	2	2
	Rate	0.0%	0.0%	33.3%	0.0%	50.0%	50.0%	100.0%	100.0%
Tac+Aza	Patients	-	4	2	-	2	-	-	0
	Steroids Withdrawn	-	1	1	-	2	-	-	-
	Rate	-	25.0%	50.0%	-	100.0%	-	-	-
CyA+Siro	Patients	-	-	2	3	2	-	1	-
	Steroids Withdrawn	-	-	1	3	1	-	1	-
	Rate	-	-	50.0%	100.0%	50.0%	-	100.0%	-
Tac+Siro	Patients	-	-	10	22	9	1	2	1
	Steroids Withdrawn	-	-	7	13	5	1	2	1
	Rate	-	-	70.0%	59.1%	55.6%	100.0%	100.0%	100.0%
Siro+MMF	Patients	-	-	1	3	2	-	1	1
	Steroids Withdrawn	-	-	0	0	2	-	1	1
	Rate	-	-	0.0%	0.0%	100.0%	-	100.0%	100.0%
Other Regimen	Patients	3	9	16	24	12	6	12	10
	Steroids Withdrawn	2	3	7	13	4	3	5	6
	Rate	66.7%	33.3%	43.8%	54.2%	33.3%	50.0%	41.7%	60.0%

Source: OPTN/SRTR Data as of May 1, 2008.

Notes:

Includes patients receiving first transplants of any organ with steroid use at transplant discharge, and who have a functioning graft and maintenance drug use two years after transplantation.

Transplants prior to year 1998 are not reported due to insufficient reporting of immunosuppressive drug use.

CyA: Cyclosporine; Tac: Tacrolimus; MMF: Include MMF(Mycophenolate Mofetil) and MPA(Mycophenolate Sodium); Aza: Azathioprine; Siro: Sirolimus.